

Appln No. 09/721,862
Amdt. Dated June 7, 2004
Reply to Office action of April 22, 2004

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 – 7 (cancelled).

Claim 8 (currently Amended) A method of coding a region including applying coded data to at least a part of ~~a the~~ region, the coded data indicating: both
_____ a functional attribute of a the part of the region; and a relative location on the region, the method comprising the steps of:
_____ printing the coded data on the relative location on the region using ink that is substantially invisible to the human eye; and
_____ printing visible content on the relative location, wherein the visible content corresponds to the coded data;
_____ wherein the visible content and the invisible coded data are printed substantially simultaneously;
_____ data indicative of a location.

Claim 9 (original). The method of claim 8 wherein the functional attribute indicates at least one of the group comprising: a hyperlink, a hypertext link, a button, a drawing field, a text field and a signature field.

Claim 10 (original). The method of claim 8 wherein some of the coded data also includes data indicative of a location.

Claim 11 (original). The method of claim 8 wherein some of the coded data also includes data indicative of an identity.

Claim 12 (original). The method of claim 8 wherein some of the coded data also includes data indicative of an identity and a location.

Claim 13 (original). The method of claim 8 wherein the identity is indicative of a location in the region.

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Claim 14 (original). The method of claim 8 wherein the identity is indicative of an identity of the region.

Claims 15 – 20 (cancelled).

Claim 21 (new). The method of claim 8, wherein the coded data includes a plurality of fixed target structures and a plurality of variable data areas.

Claim 22 (new). The method of claim 8, wherein the coded data comprises a plurality of tags, wherein each tag includes six target structures consisting of a detection ring, an orientation axis target, and four perspective targets.

Claim 23 (new). The method of claim 22, wherein the overall shape of each particular tag is circular.

Claim 24 (new). The method of claim 22, wherein the plurality of tags is printed in infrared-absorptive ink.

Claim 25 (new). The method of claim 22, wherein the plurality of tags tiles substantially the entire region.

Claim 26 (new). The method of claim 22, wherein each particular tag contains 120 bits of information.

Claim 27 (new). The method of claim 22, wherein the coded data of each particular tag is redundantly encoded using a Reed-Solomon code.

Claim 28 (new). The method of claim 8, wherein the coded data comprises data bits represented by a radial wedge in the form of an area bounded by two radial lines, a radially inner arc and a radially outer arc.

Claim 29 (new). The method of claim 8, wherein the region is a netpage.